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Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 62853

Application ID: 09540825



Title of Invention:

DATA STORAGE SYSTEM HAVING  
SEPARATE DATA TRANSFER  
SECTION AND MESSAGE  
NETWORK WITH PLURAL  
DIRECTORS ON A COMMON  
PRINTED CIRCUIT BOARD AND  
REDUNDANT SWITCHING  
NETWORKS

First Named Inventor: David Black

Domestic/Foreign Application: Domestic Application

Filing Date: 2000-03-31

Effective Receipt Date: 2004-06-18

Submission Type: Information Disclosure  
Statement

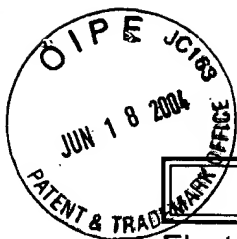
Filing Type:

Confirmation number: 2354

Attorney Docket Number: EMC2-043PUS

Total Fees Authorized:


Digital Certificate Holder: cn=Richard M. Sharkansky,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
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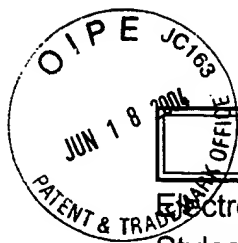


## TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0


Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS ON A COMMON PRINTED CIRCUIT BOARD AND REDUNDANT SWITCHING NETWORKS							
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Richard M Sharkansky Registered Number: 25800	/rms/	Attorney						
Documents being submitted us-ids	Files EMC2-043PUS-usidst.xml us-ids.dtd us-ids.xsl							
Comments								



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS ON A COMMON PRINTED CIRCUIT BOARD AND REDUNDANT SWITCHING NETWORKS																				
<p>Application Number: 09/540825 </p> <p>Confirmation Number: 2354</p> <p>First Named Applicant: David Black</p> <p>Attorney Docket Number: EMC2-043PUS</p> <p>Examiner: Christopher E Lee</p> <p>Search string: ( 4977556 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4977556</td><td>1990-12-11</td><td>Noguchi</td><td></td><td>370</td><td>60</td></tr></tbody></table> <p><b>Signature</b></p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4977556	1990-12-11	Noguchi		370	60	Examiner Name	Date		
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